

Jay Hwang

[Github](#) • [Portfolio](#) • [Angel](#) • [LinkedIn](#)

CELL (818) 456 - 7671 • E-MAIL jayhwang0121@gmail.com

PROJECTS

COUCHBNB (Ruby on Rails, PostgreSQL, ReactJS + Redux)

[Live](#) • [Github](#)

FULL-STACK, REST-FUL, SINGLE-PAGE WEB APPLICATION INSPIRED BY AIRBNB

- Slashed database build time up to 70% by designing a DRY, automated program that utilizes Ruby's Net::HTTP class to fetch data and seed the database
- Maximized search-engine efficiency by channeling search-queries to employ AJAX requests to Google Maps API to filter and pan the Map

SPACE - INVADERS (Vanilla Javascript, HTML Canvas, CSS)

[Live](#) • [Github](#)

FRONT-END, BROWSER-BASED GAME BUILT WITH JAVASCRIPT AND HTML CANVAS

- Features JavaScript coupled with HTML5 Canvas to create a robust front-end game
- Increased responsiveness by 40% by engineering a dynamic solution that utilizes Real Time measurements to alleviate Canvas lag

PABANG (WebCrawler) (Ruby, Selenium)

[Github](#)

RUBY SCRIPT THAT AUTOMATES JOB APPLICATIONS UTILIZING SELENIUM

- Engineered a script that applies to jobs matching specified criteria
- Tailored program to individuals by implementing a keyword matching algorithm to filter and query data specified by users

ACTIVE - RECORD (Ruby)

[Github](#)

RENDITION OF RAILS ORM LIBRARY: ACTIVERECORD

- Produced DRY, easily-manageable code by dynamically creating methods with repetitive code-fragments
- Implemented Object-Relational-Mapping technique to manipulate data at a high-level

SKILLS

JAVASCRIPT | REACT.JS | ES6 | RUBY ON RAILS | SQL | POSTGRESQL | HTML5 | CSS

EDUCATION

WEB DEVELOPMENT

FALL 2016

APP ACADEMY

- Rigorous 1000-hour full stack web development school
- Emphasizes Pair-Programming, Algorithms, ADT's + Data Structures, OOP and TDD
- 90% assessment grade and pair-programming rating

PROFESSIONAL EXPERIENCE

SAN FRANCISCO CITY IMPACT

2013 - 2016

EVENT COORDINATOR

- Mobilized, trained and led 1,000+ volunteers for 15+ annual events and fundraisers, helping raise upwards of \$15M
- Trained new employees and volunteers to streamline work flow resulting in an increase in productivity by 20%